



Abstract

The invention concerns single stranded oligonucleotides comprising a sequence of at least 12 consecutive nucleotide motifs contained in one of the sequences ~~SEQ ID N° 1 to SEQ ID N° 4~~ SEQ ID NO: 1 to SEQ ID NO: 4, wherein "N" "n" represents an identical or different nucleotide selected among inosine or an equimolar mixture of 4 different nucleotides selected among A, T, C or G, a, t, c or g, and among the oligonucleotides complementary ~~thereto~~ of said oligonucleotides. The invention also concerns ~~the uses of said~~ using the oligonucleotides ~~for detecting~~ to detect bacteria of the ~~*Spirochaeta* family~~ *Spirochaetales* order. The invention is based on the use of specifically defined sequences in the rpoB gene of spirochetes coding for the beta subunit of the bacterial RNA polymerase.